

FIG. 1

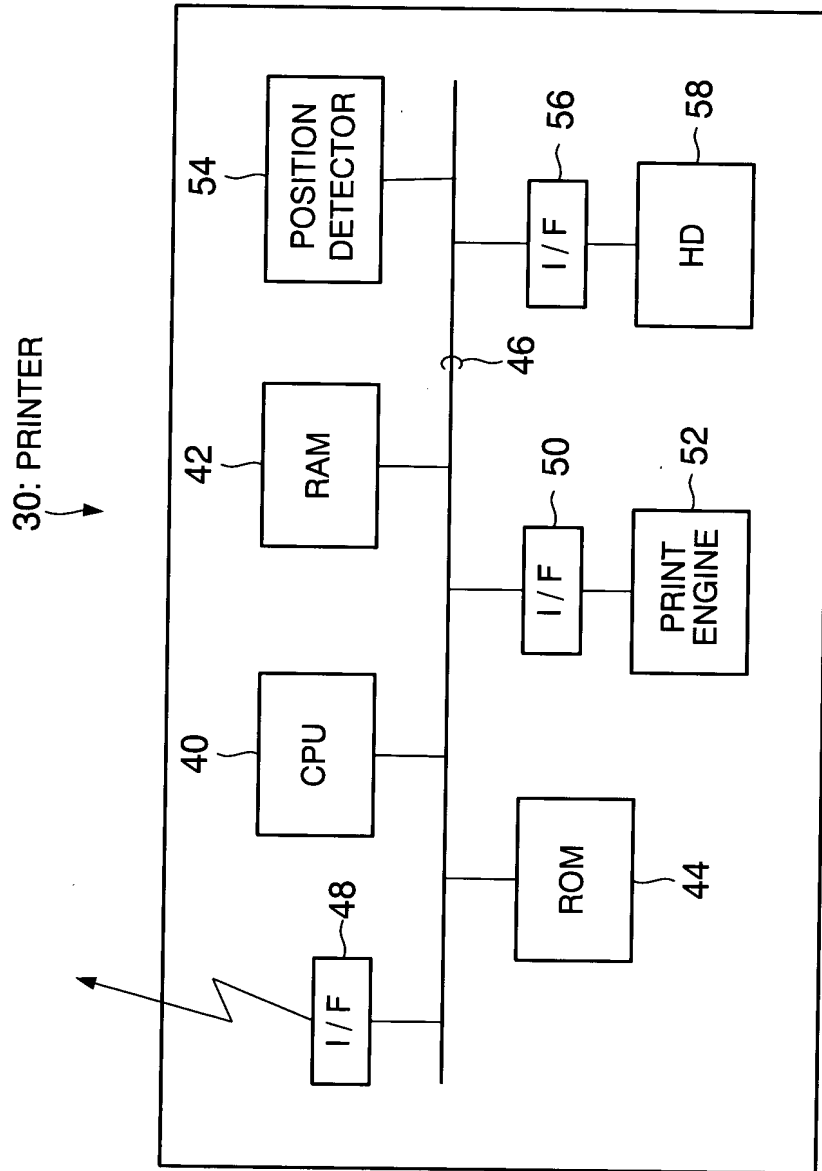


FIG. 2

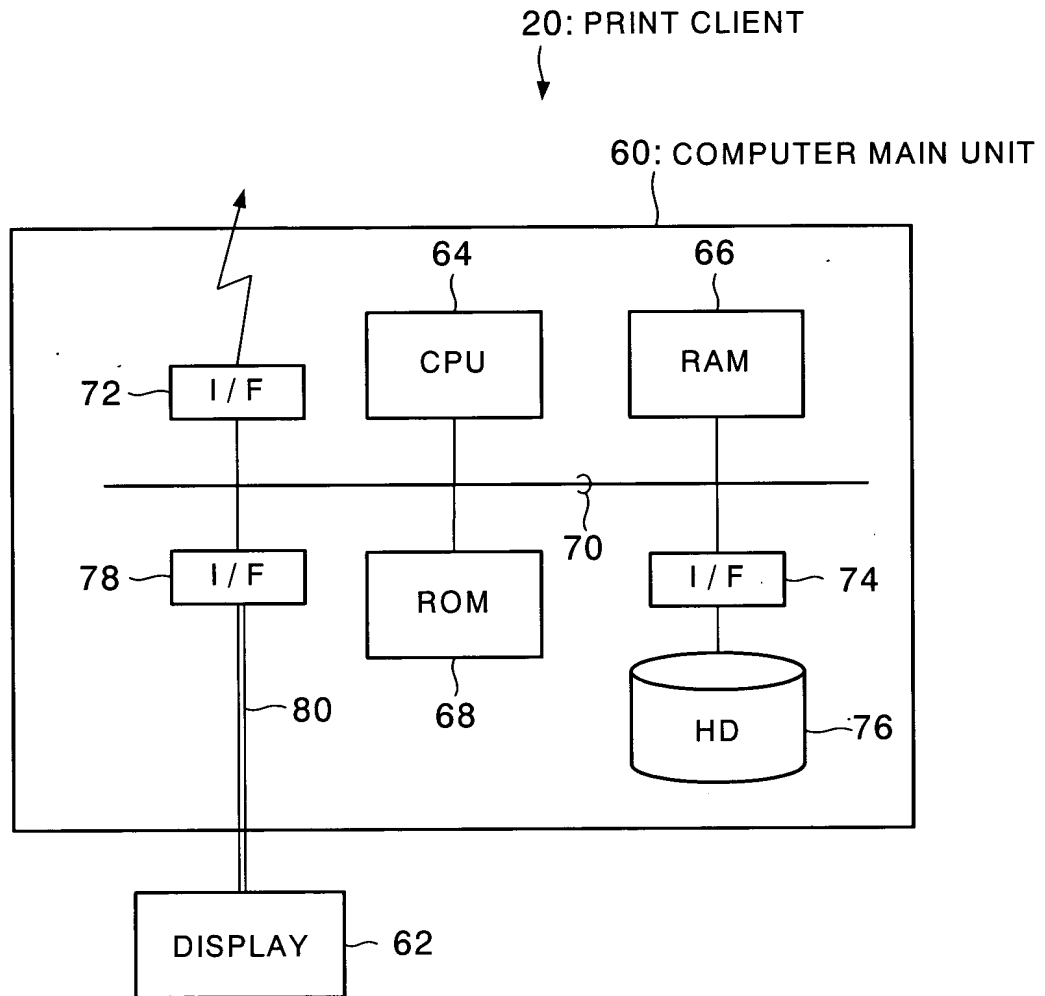


FIG. 3

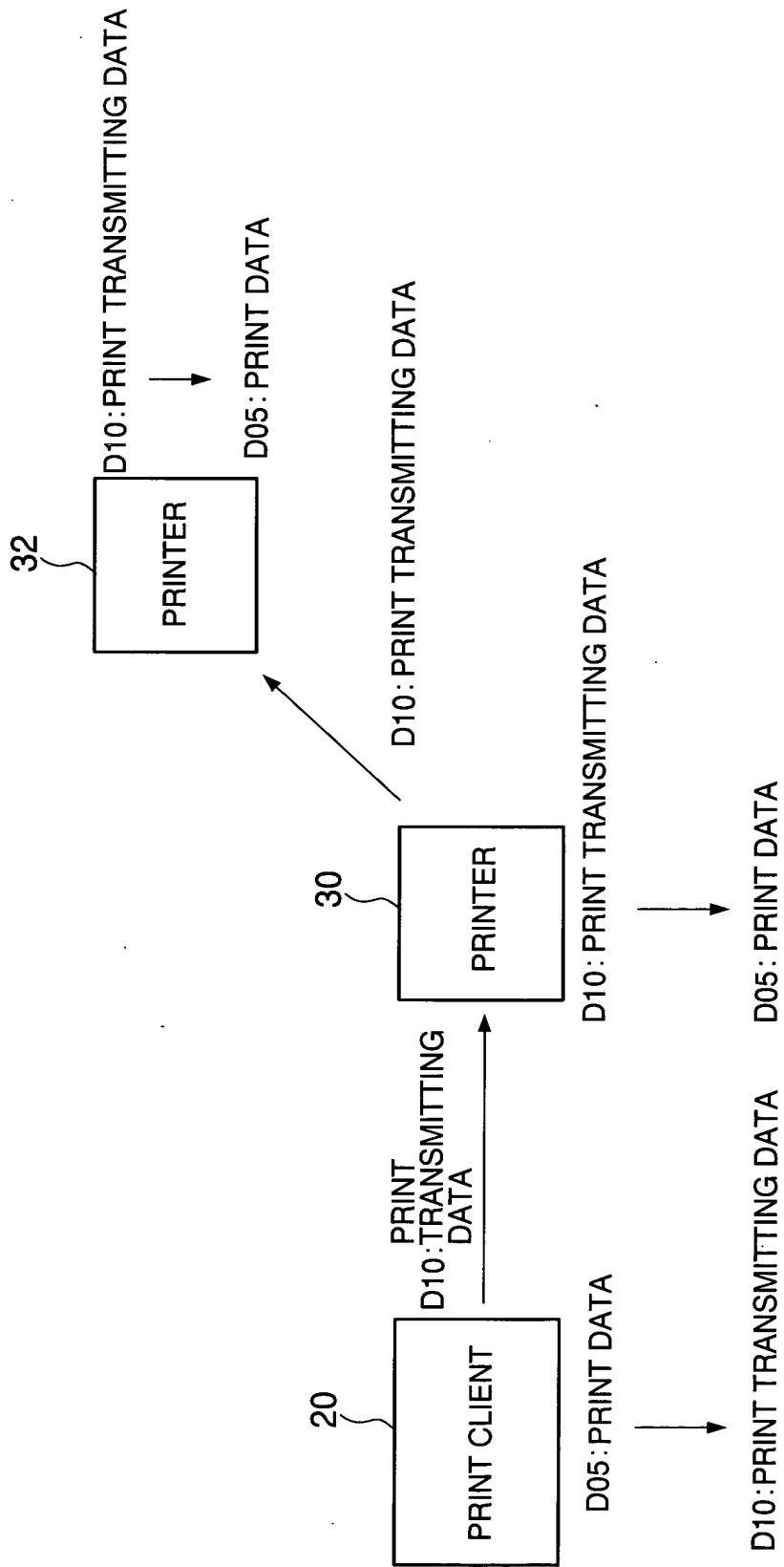


FIG. 4

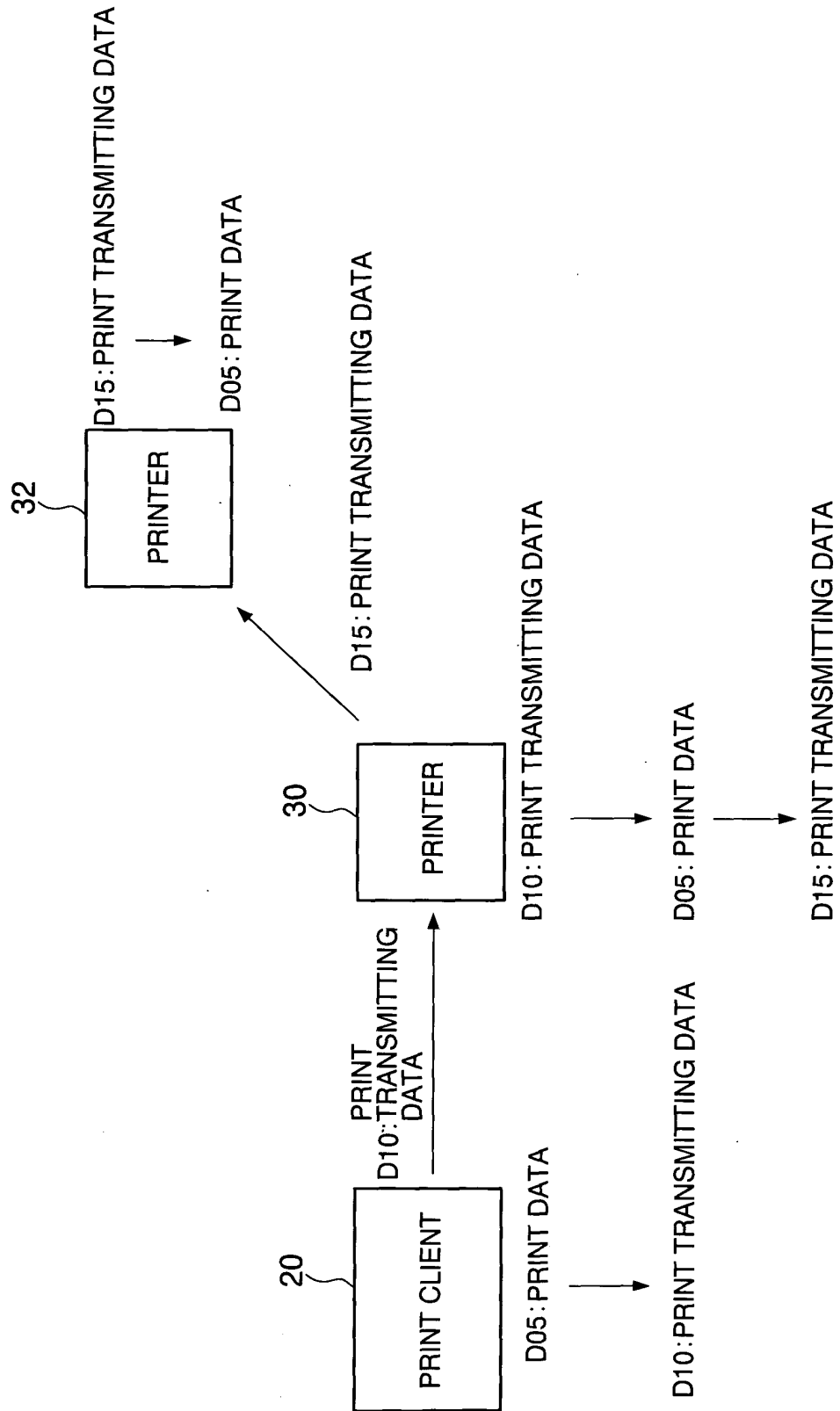


FIG. 5

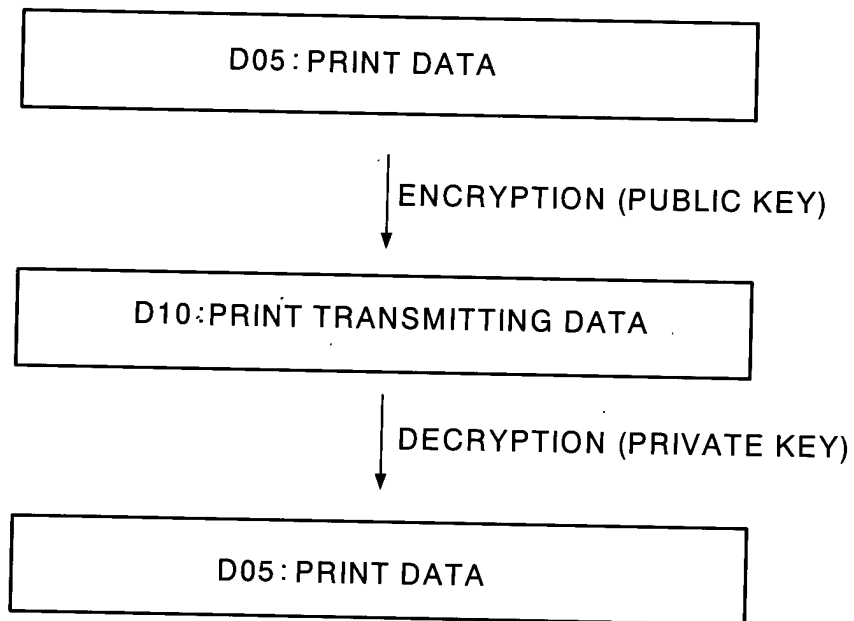


FIG. 6

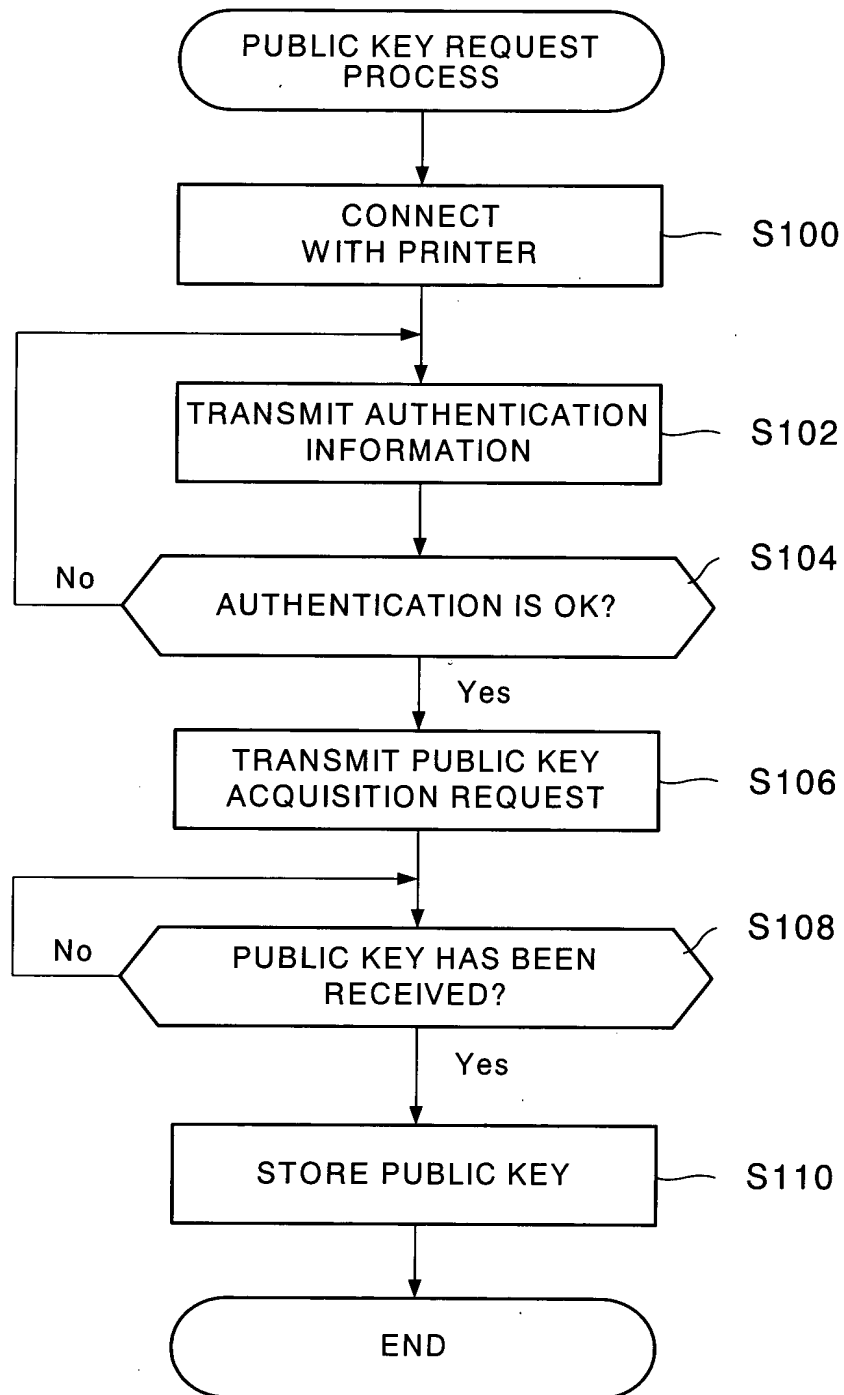


FIG. 7

TB20: PUBLIC KEY TABLE

↓

| D20 PRINTER | D21 PUBLIC KEY |
|-----------------|-------------------|
| aaa.bbb.ccc.100 | PKEY0 |
| aaa.bbb.ccc.101 | PKEY1 |
| aaa.bbb.ccc.102 | PKEY2 |
| ⋮ | ⋮ |

FIG. 8

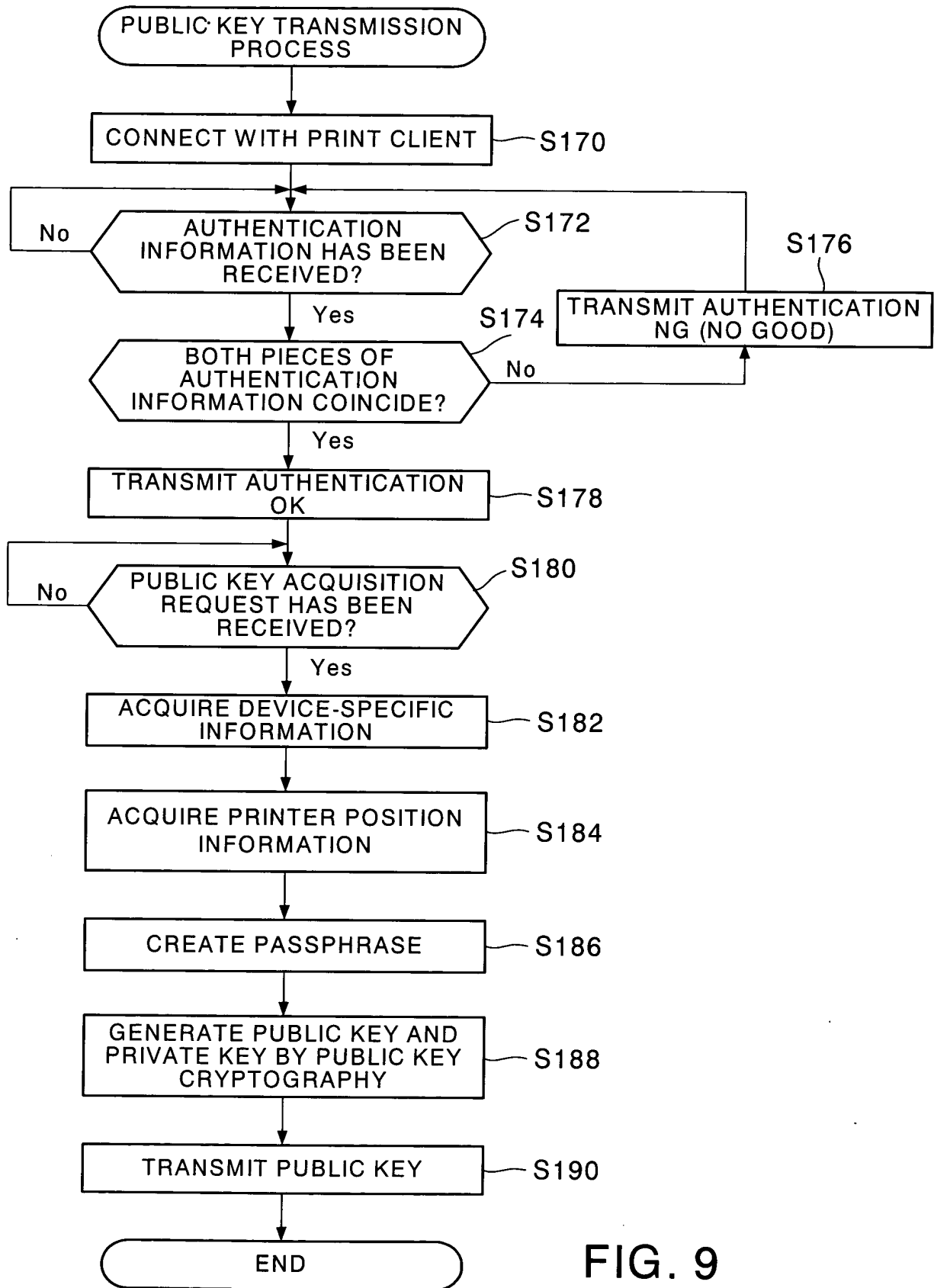


FIG. 9

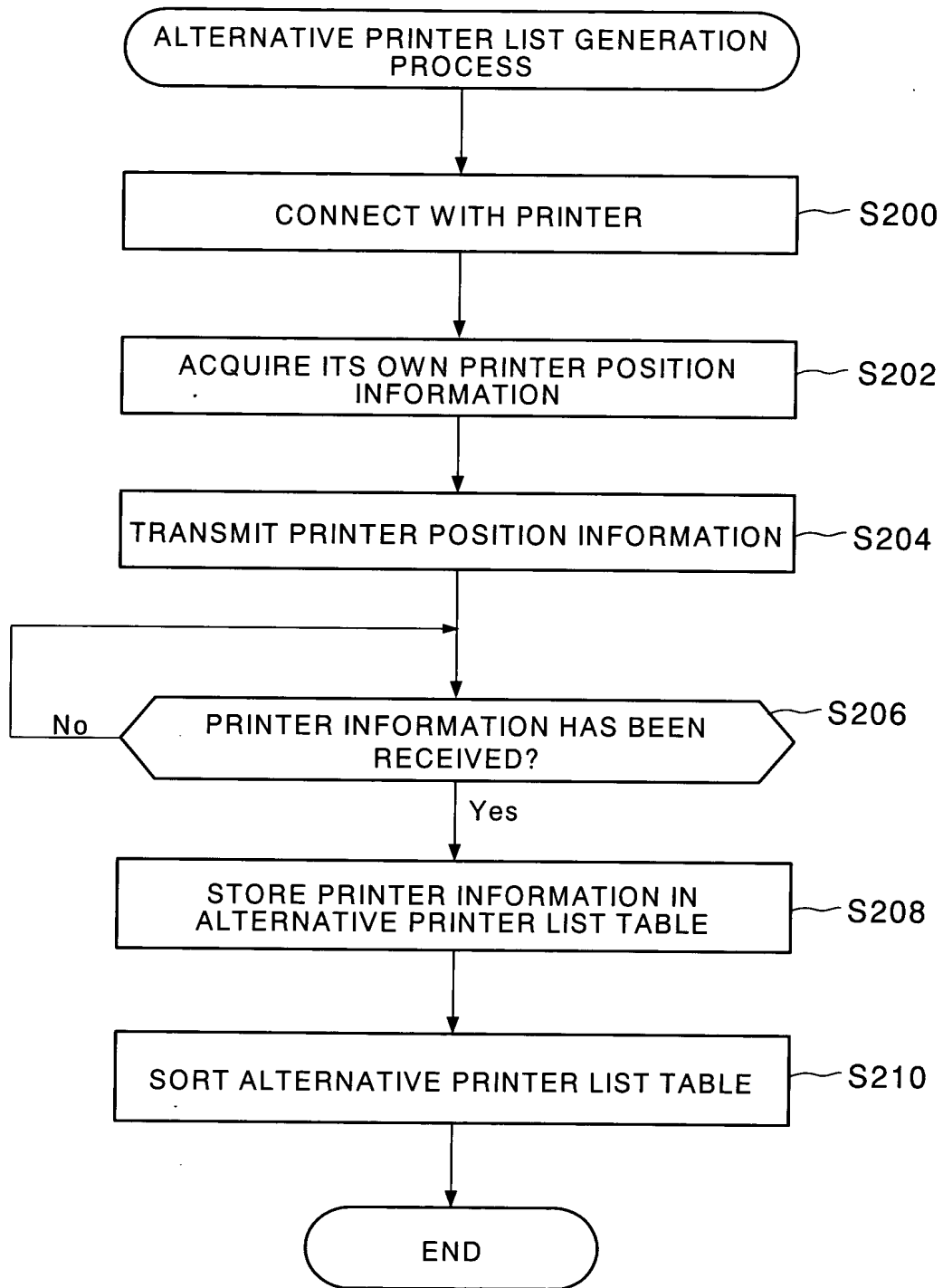


FIG. 10

TB40: ALTERNATIVE PRINTER LIST TABLE

| D40 NETWORK ADDRESS | D41 PRINTER MODEL INFORMATION | D42 RELATIVE DISTANCE | D43 PUBLIC KEY |
|------------------------|-------------------------------------|-----------------------------------|-------------------|
| aaa.bbb.ccc.101 | LP-7700 | $\Delta X1, \Delta Y1, \Delta Z1$ | PKEY1 |
| aaa.bbb.ccc.102 | LP-8900 | $\Delta X2, \Delta Y2, \Delta Z2$ | PKEY2 |
| aaa.bbb.ccc.103 | LP-7700 | $\Delta X3, \Delta Y3, \Delta Z3$ | PKEY3 |

FIG. 11

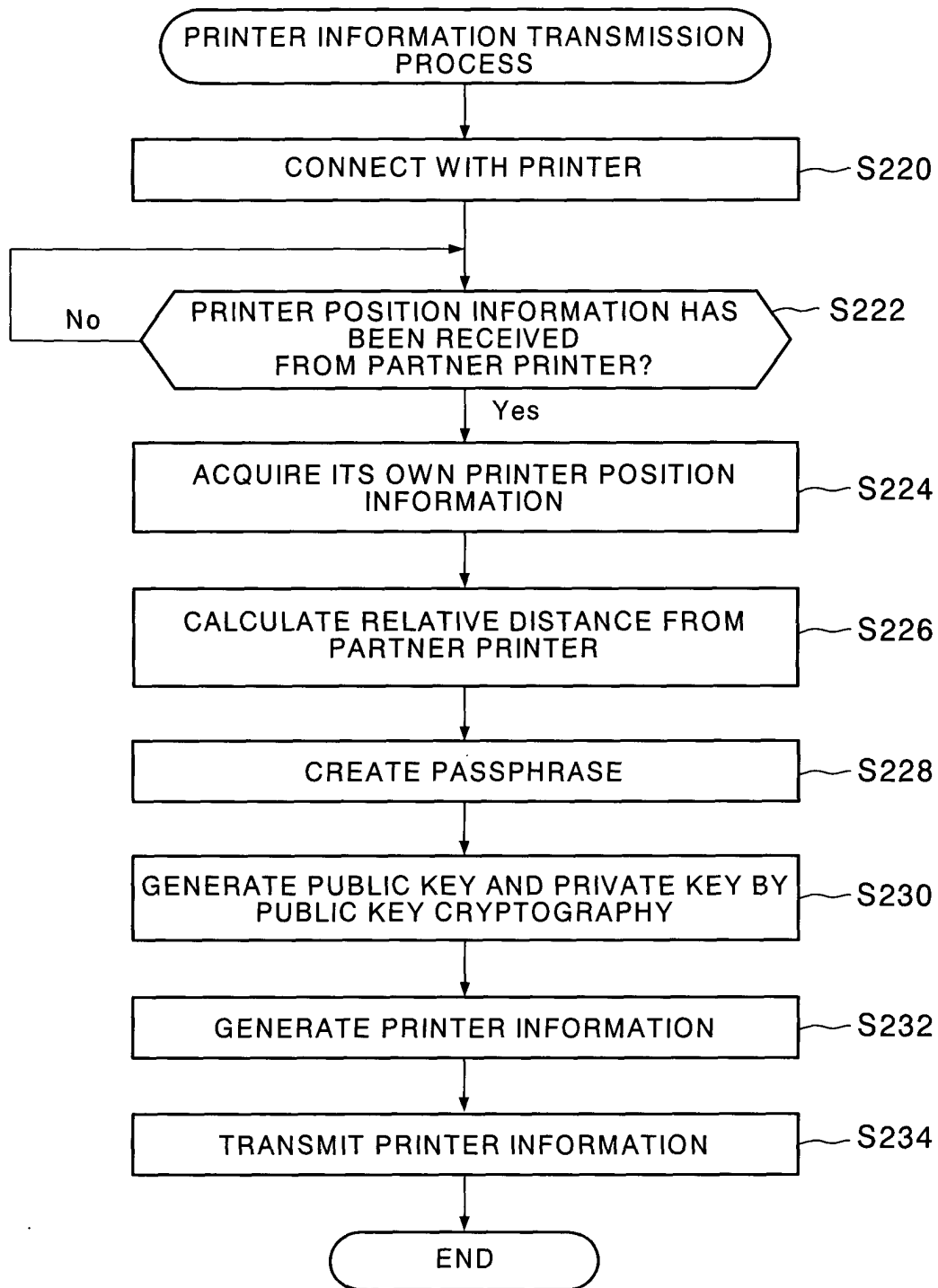


FIG. 12

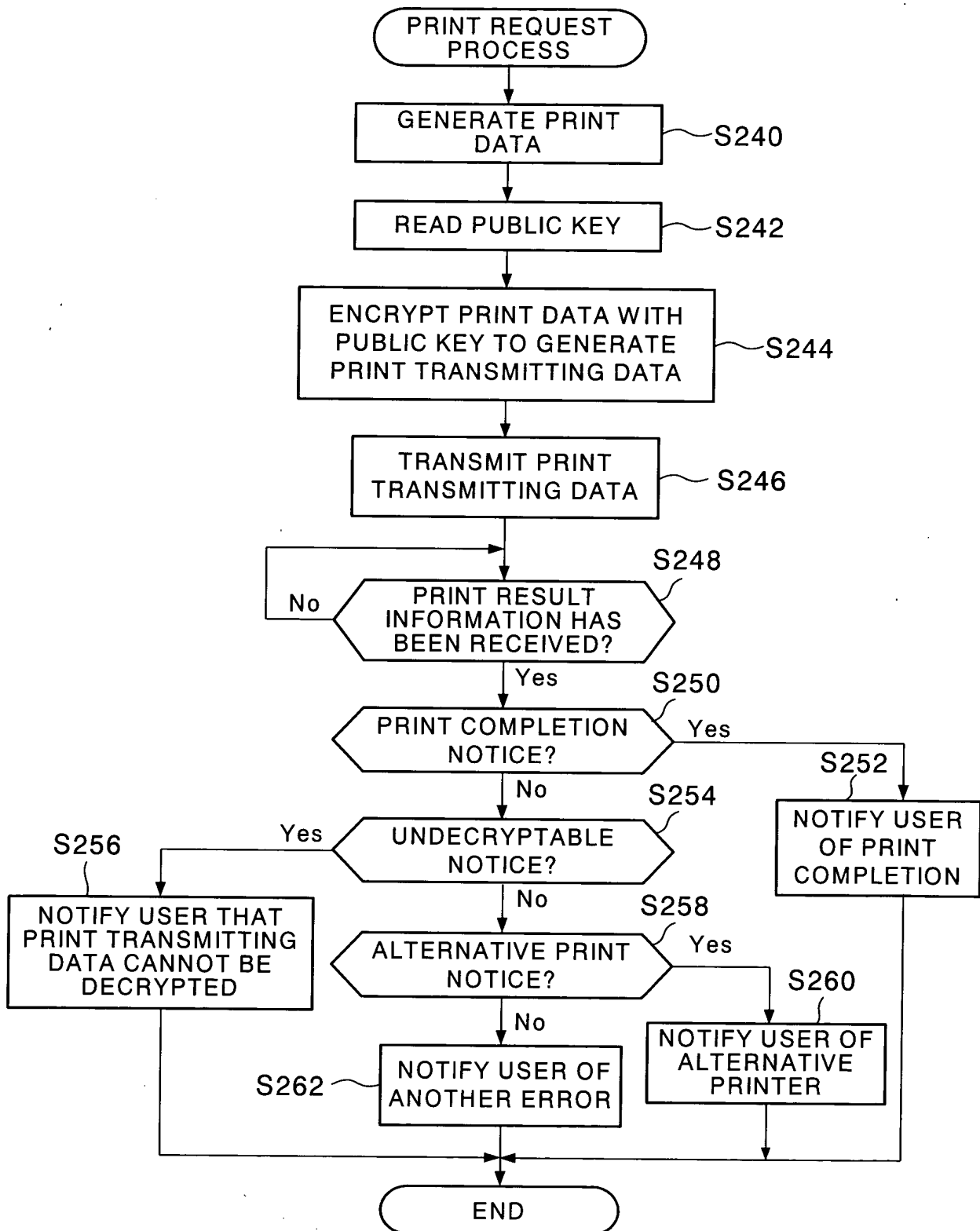


FIG. 13

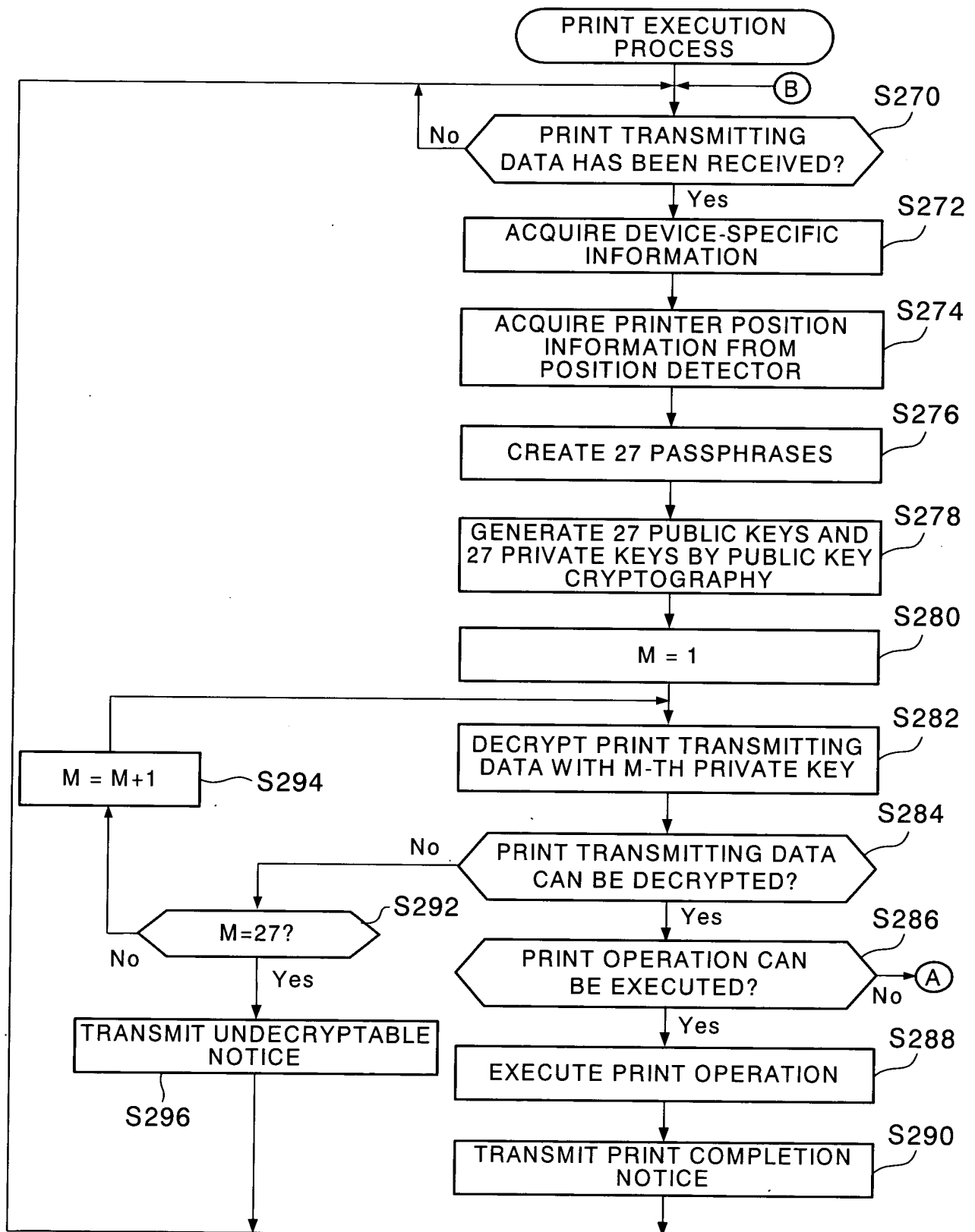


FIG. 14

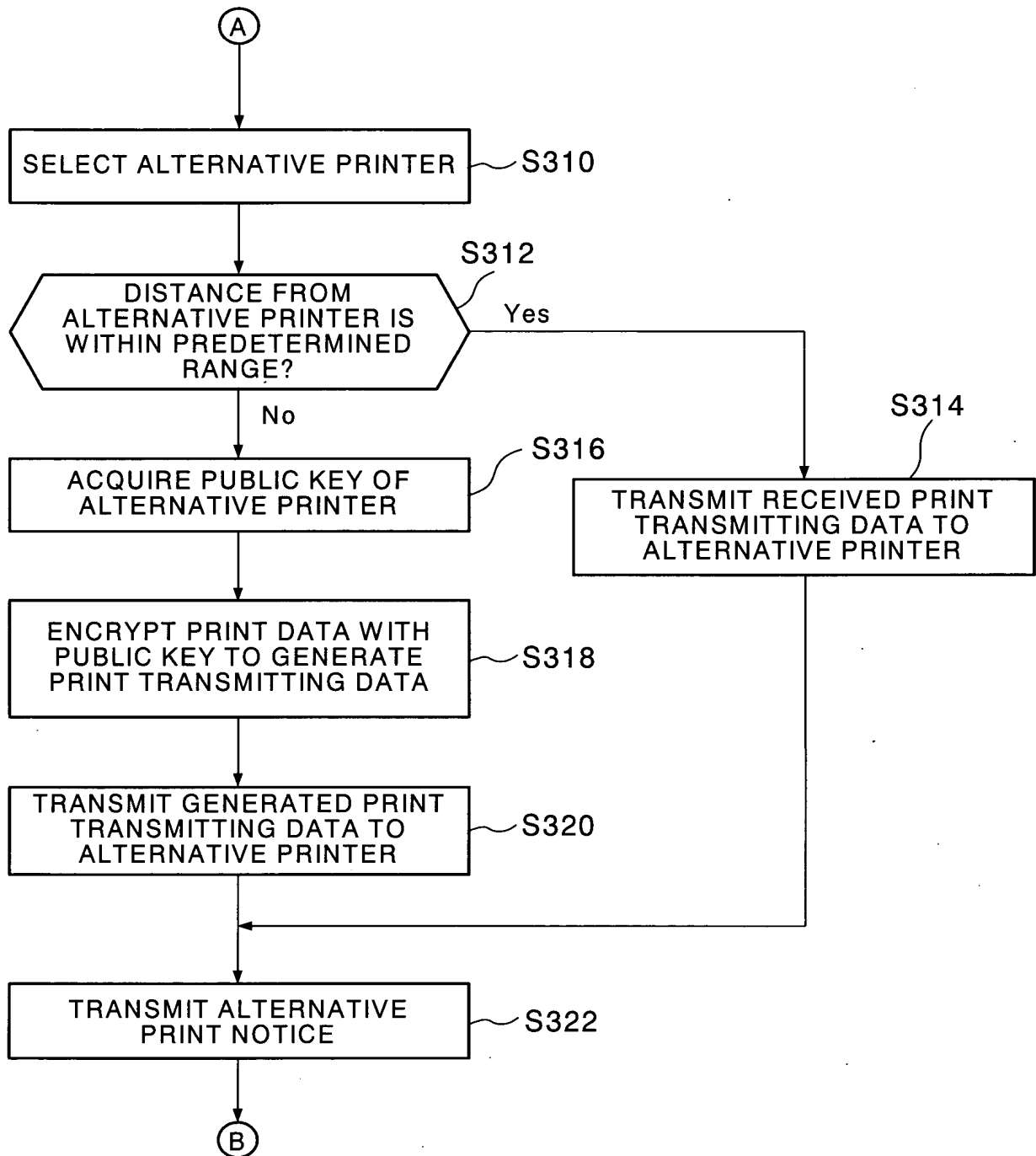


FIG. 15

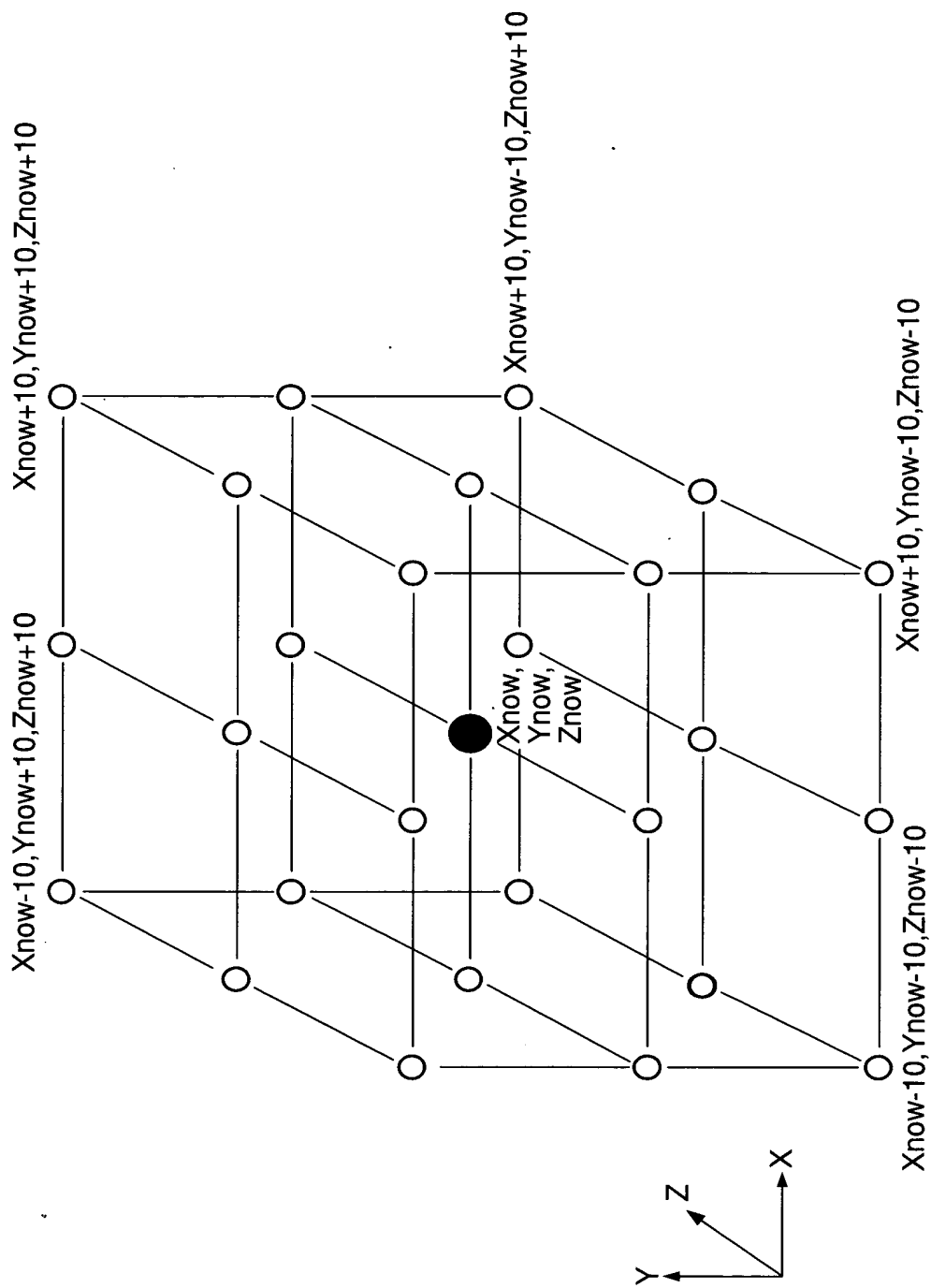


FIG. 16

TB60: ALTERNATIVE PRINTER LIST TABLE

| NETWORK ADDRESS | PRINTER MODEL INFORMATION | RELATIVE DISTANCE |
|-----------------|---------------------------|-----------------------------------|
| aaa.bbb.ccc.101 | LP-7700 | $\Delta X1, \Delta Y1, \Delta Z1$ |
| aaa.bbb.ccc.102 | LP-8900 | $\Delta X2, \Delta Y2, \Delta Z2$ |
| aaa.bbb.ccc.103 | LP-7700 | $\Delta X3, \Delta Y3, \Delta Z3$ |

FIG. 18

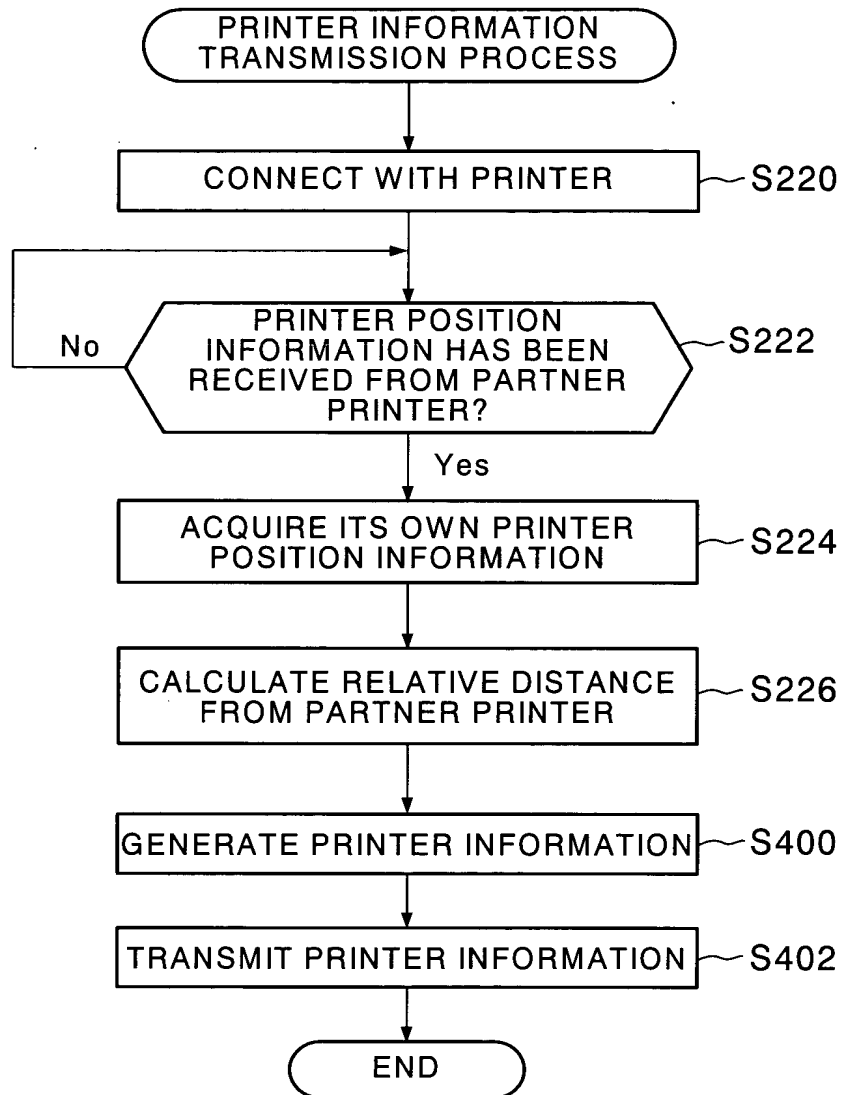


FIG. 19

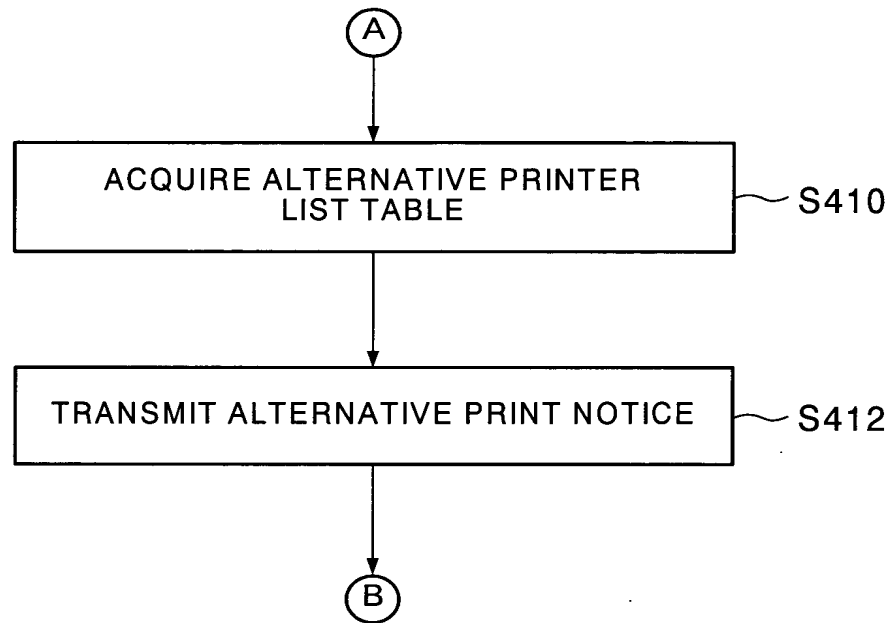


FIG. 20

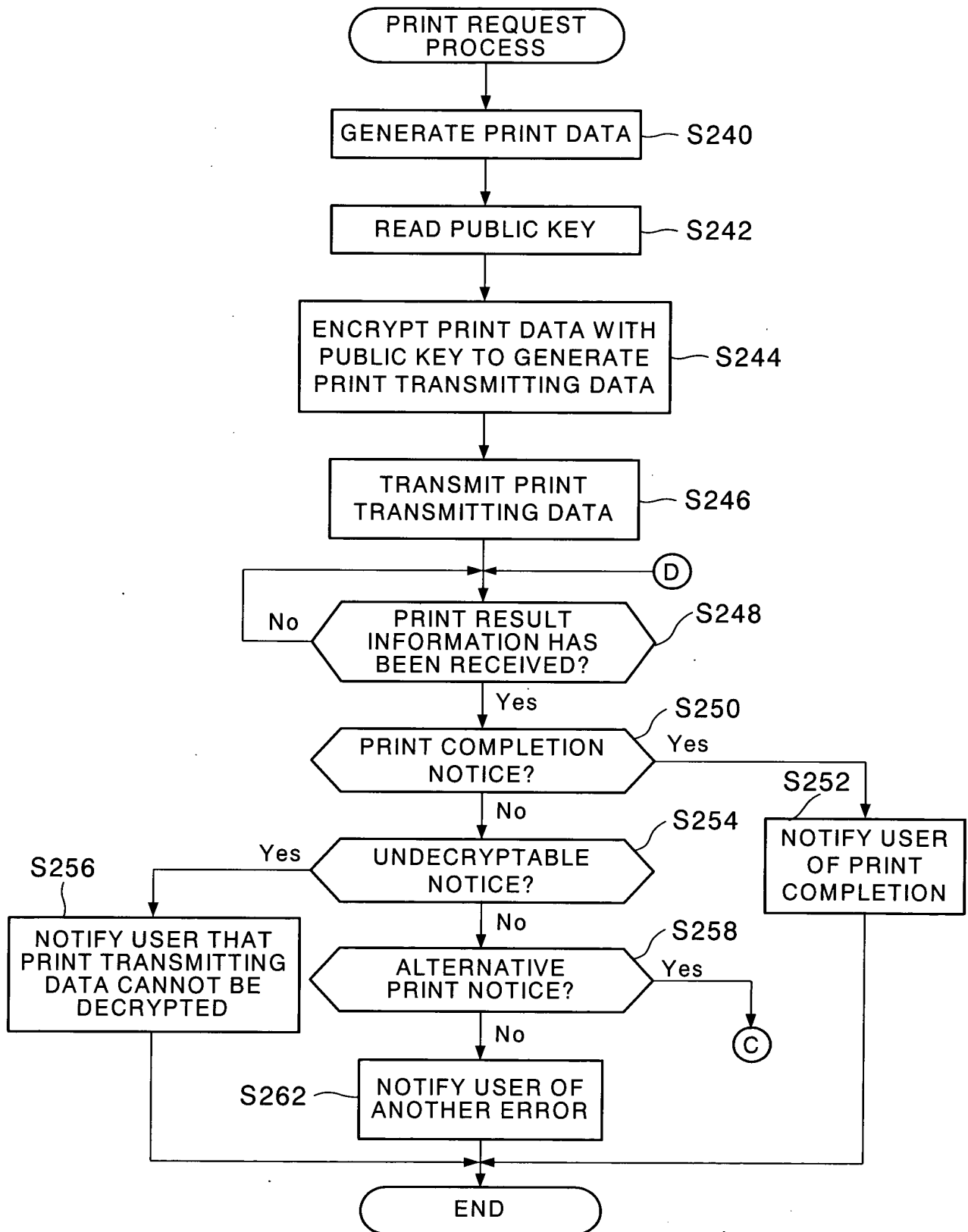


FIG. 21

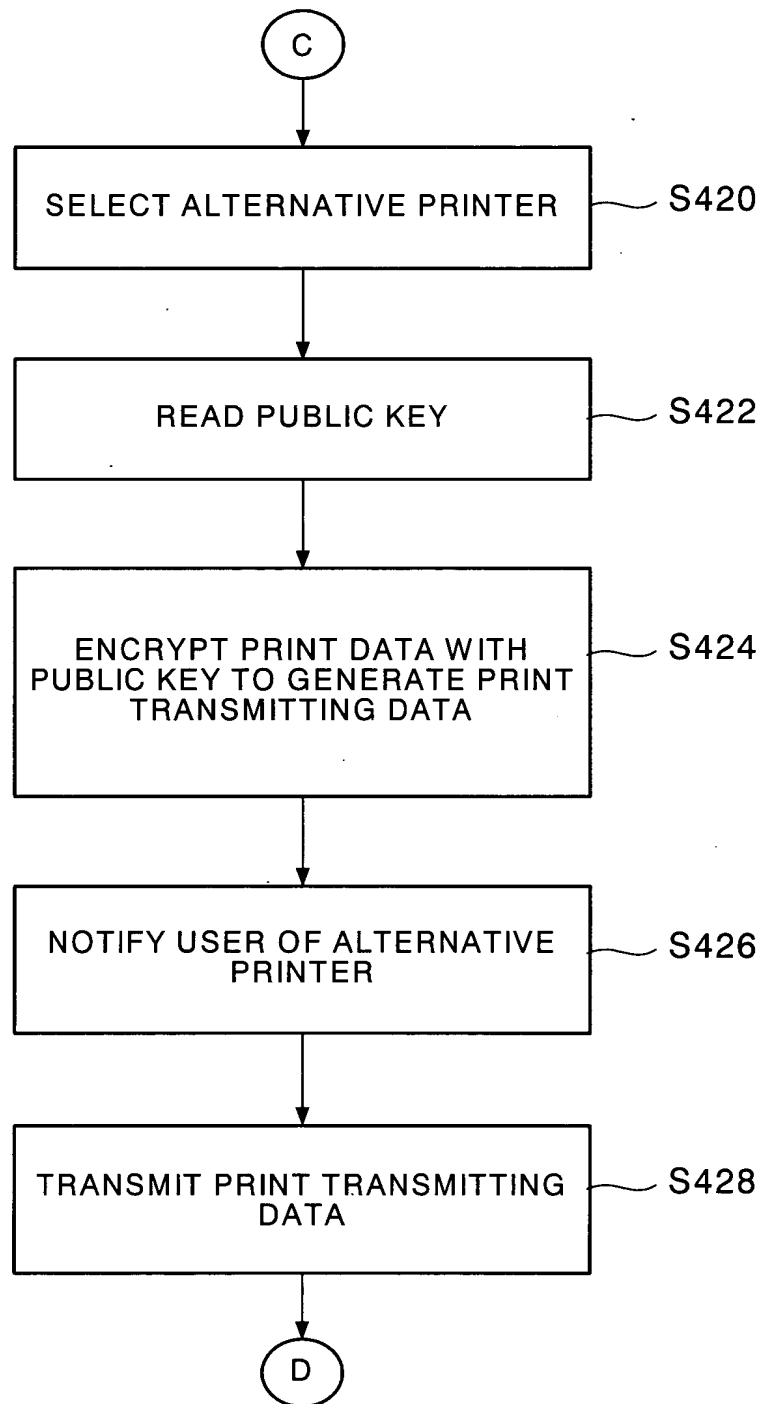


FIG. 22

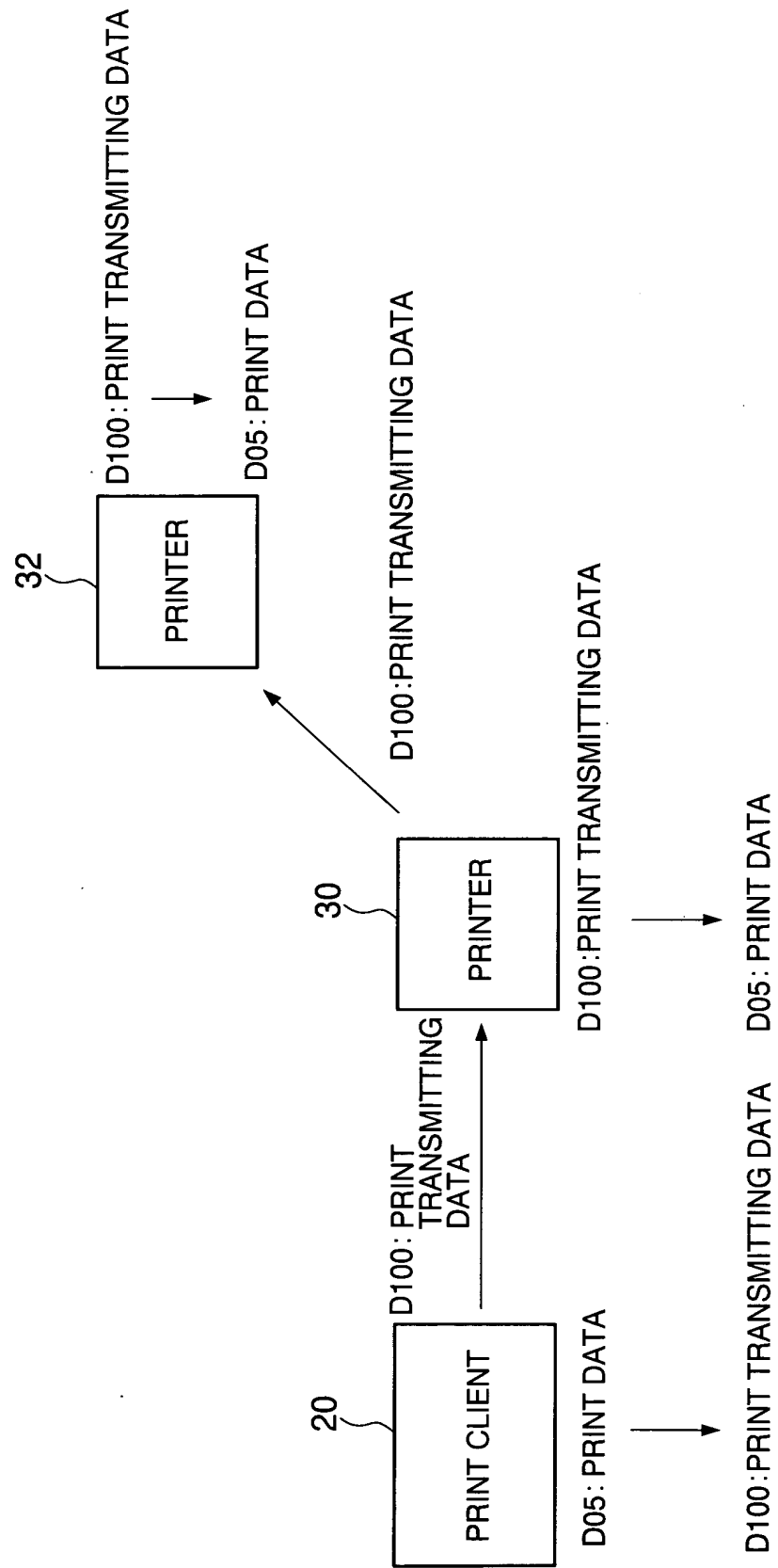


FIG. 23

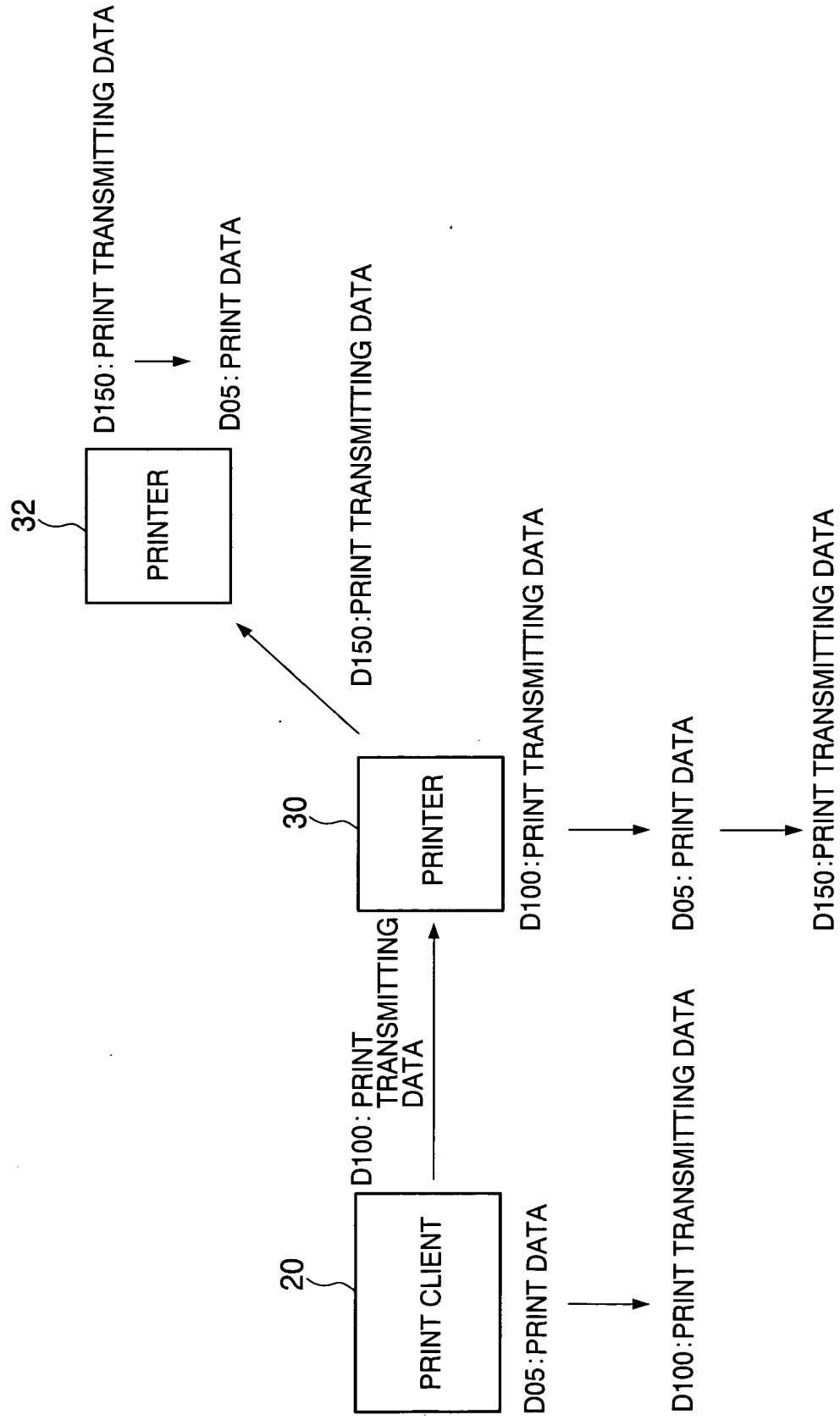


FIG. 24

PRINT TRANSMITTING DATA : D100

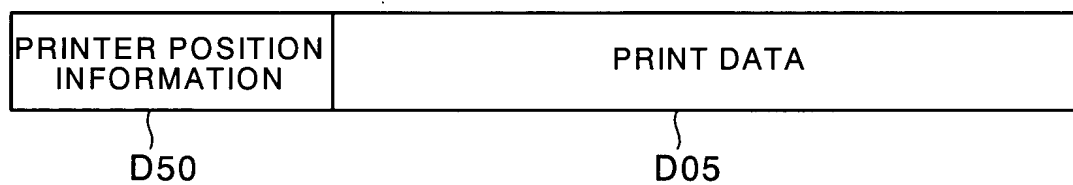


FIG. 25

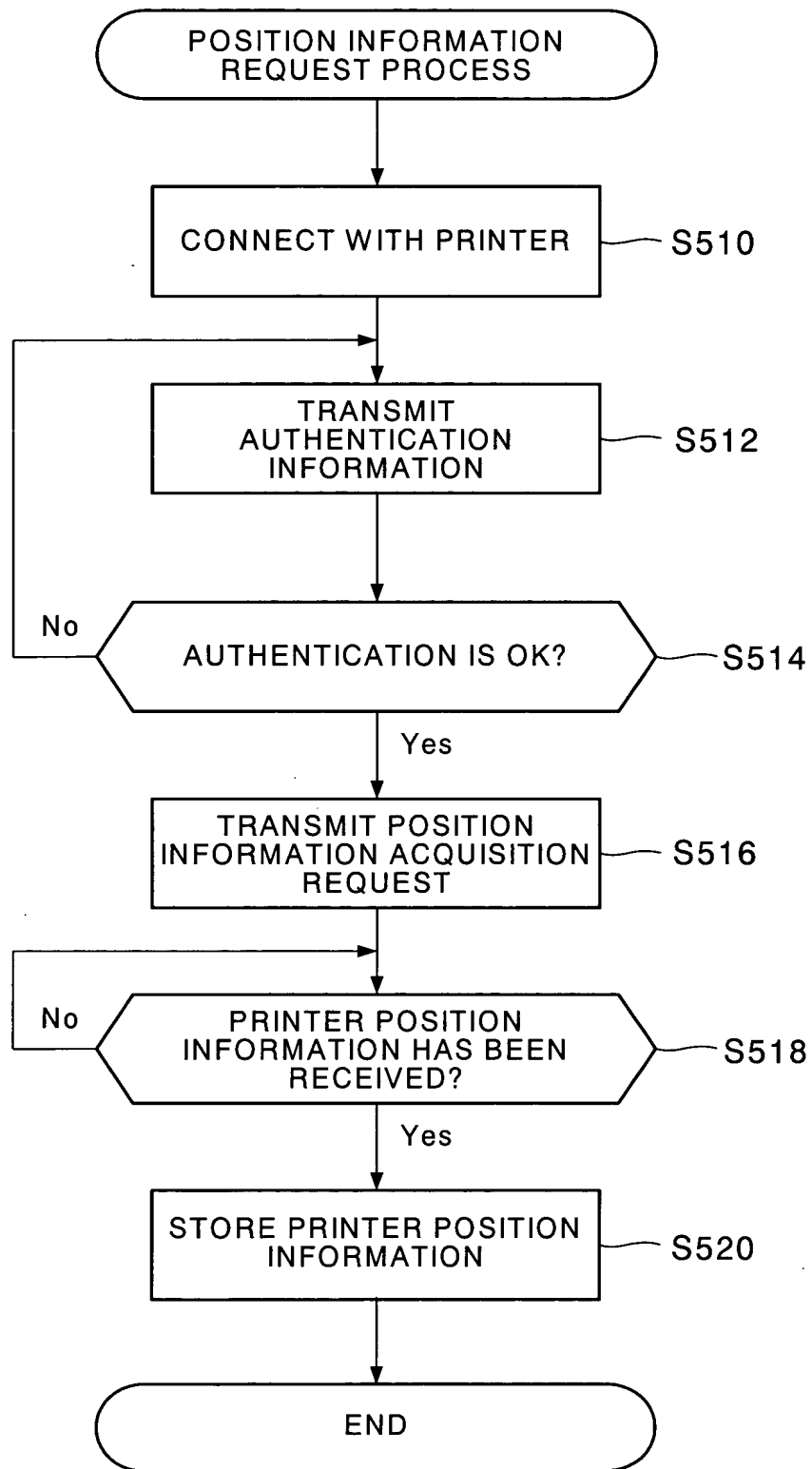


FIG. 26

TB100: PRINTER POSITION
INFORMATION TABLE

| PRINTER POSITION INFORMATION | | | |
|------------------------------|----------|-----------|----------|
| PRINTER | LATITUDE | LONGITUDE | ALTITUDE |
| 192.168.1.10 | X1 | Y1 | Z1 |
| 192.168.1.11 | X2 | Y2 | Z2 |
| ⋮ | ⋮ | ⋮ | ⋮ |

FIG. 27

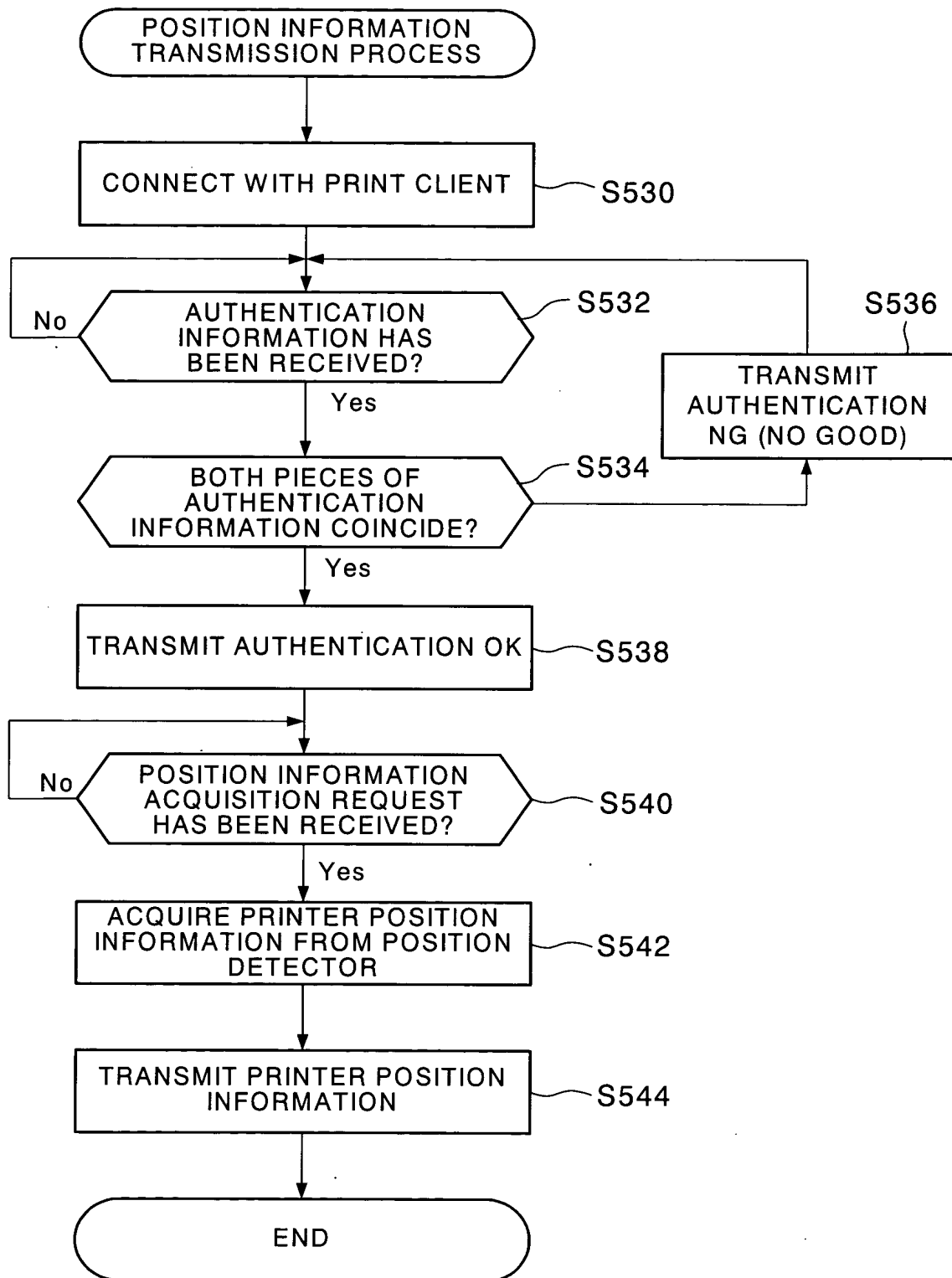


FIG. 28

TB80: ALTERNATIVE PRINTER LIST TABLE

| D40 | | D41 | | D42 | | D44 | |
|-----------------|--|---------------------------|--|-----------------------------------|--|------------------------------|--|
| NETWORK ADDRESS | | PRINTER MODEL INFORMATION | | RELATIVE DISTANCE | | PRINTER POSITION INFORMATION | |
| aaa.bbb.ccc.101 | | LP-7700 | | $\Delta X1, \Delta Y1, \Delta Z1$ | | X1, Y1, Z1 | |
| aaa.bbb.ccc.102 | | LP-8900 | | $\Delta X2, \Delta Y2, \Delta Z2$ | | X2, Y2, Z2 | |
| aaa.bbb.ccc.103 | | LP-7700 | | $\Delta X3, \Delta Y3, \Delta Z3$ | | X3, Y3, Z3 | |

FIG. 29

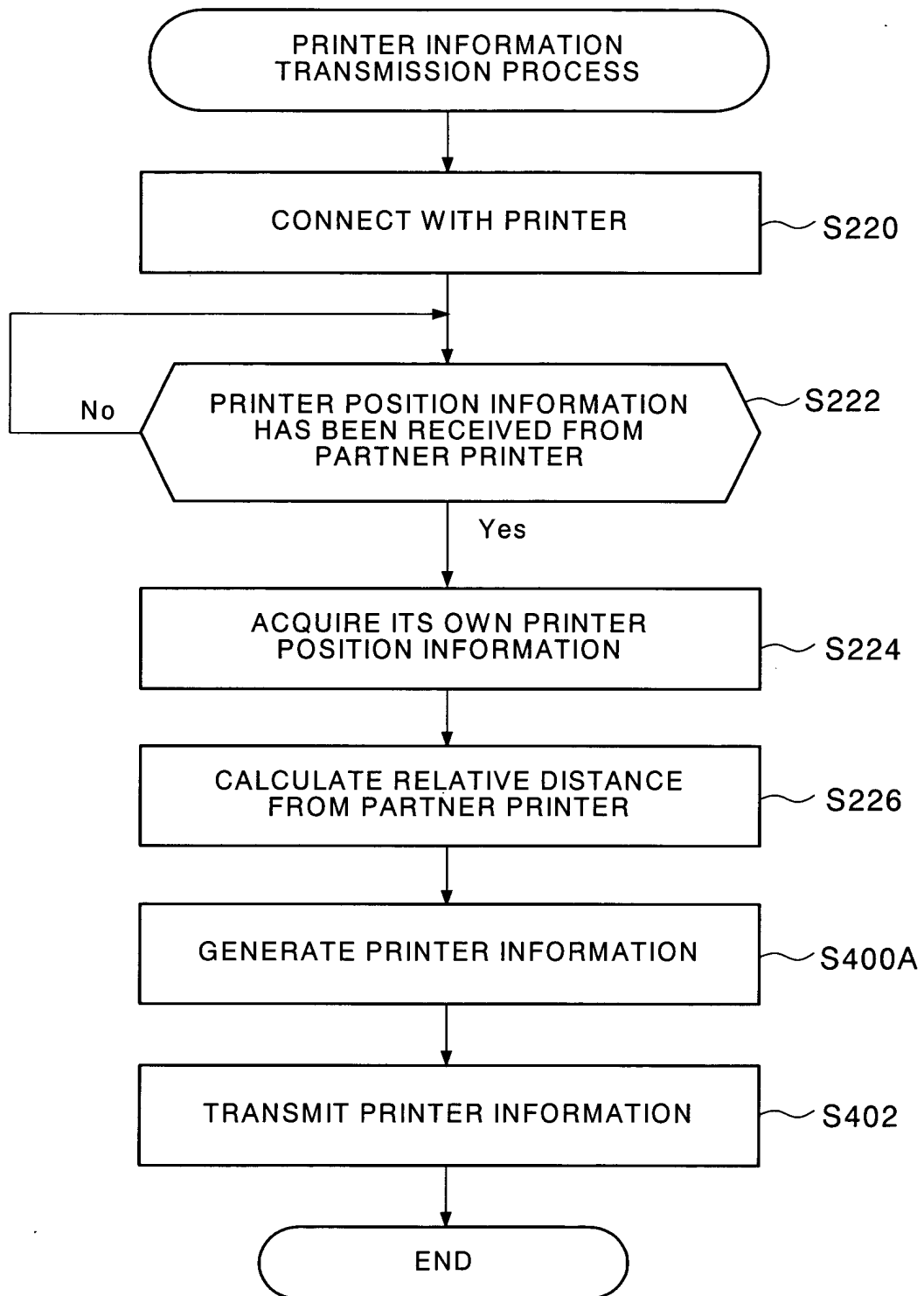


FIG. 30

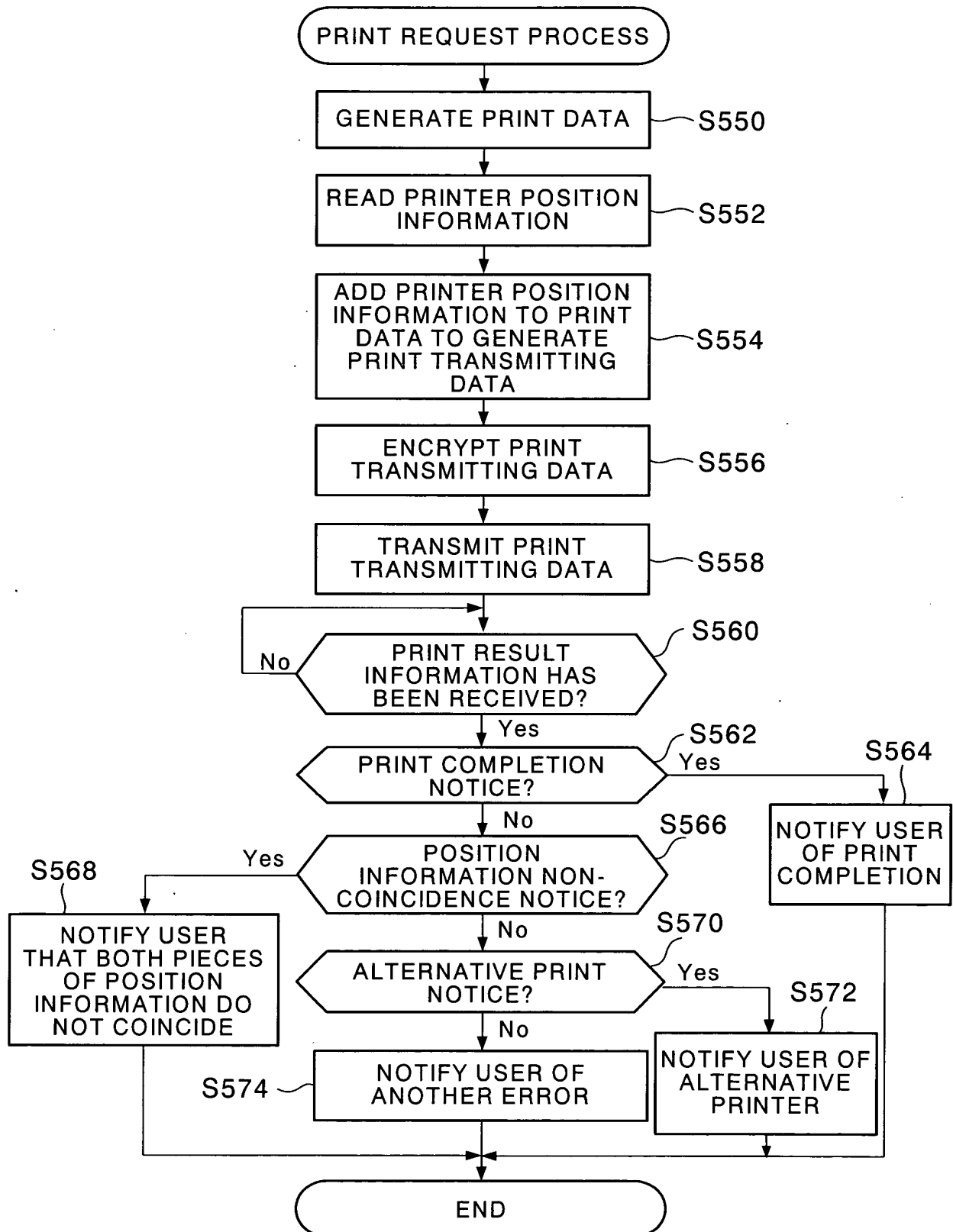


FIG. 31

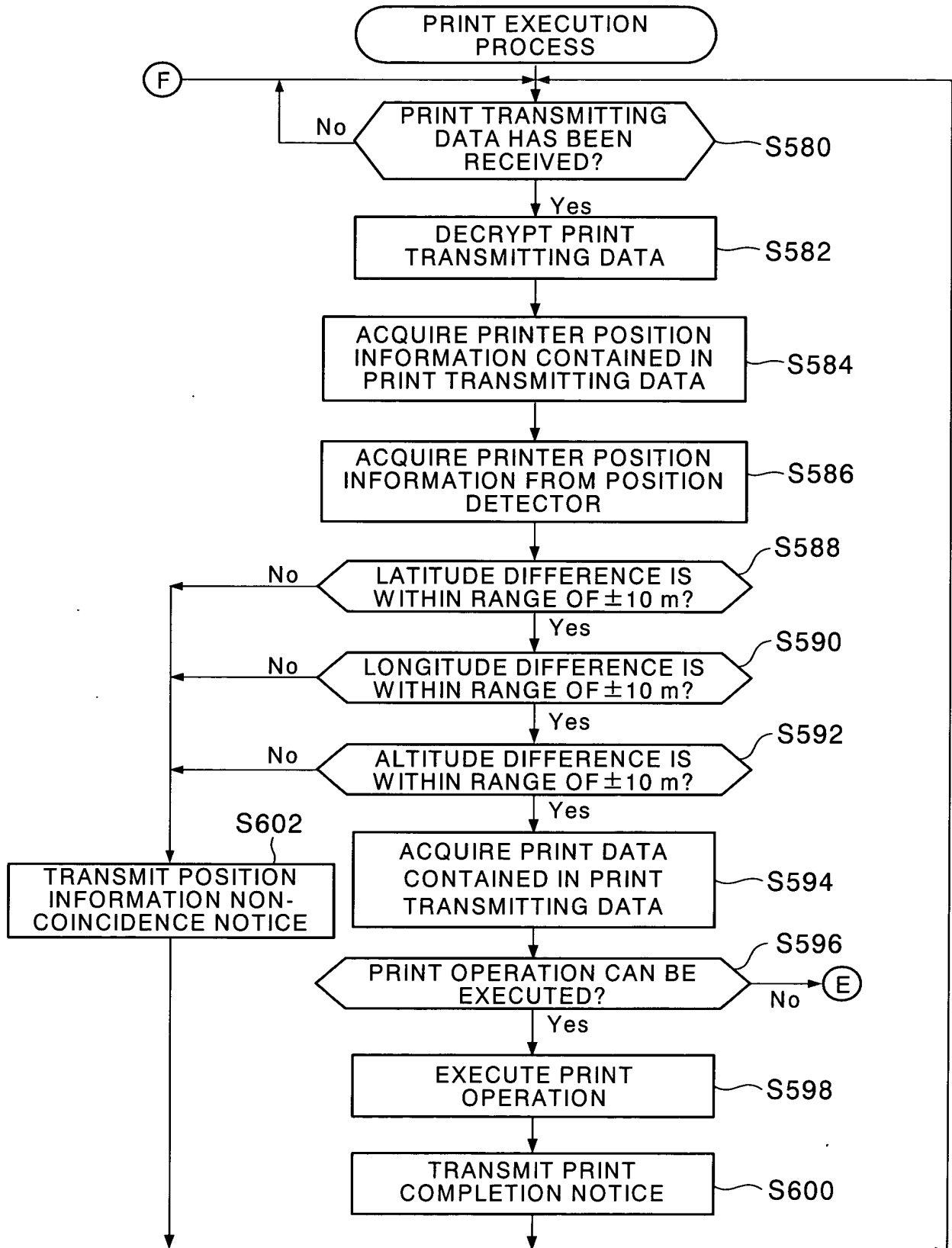


FIG. 32

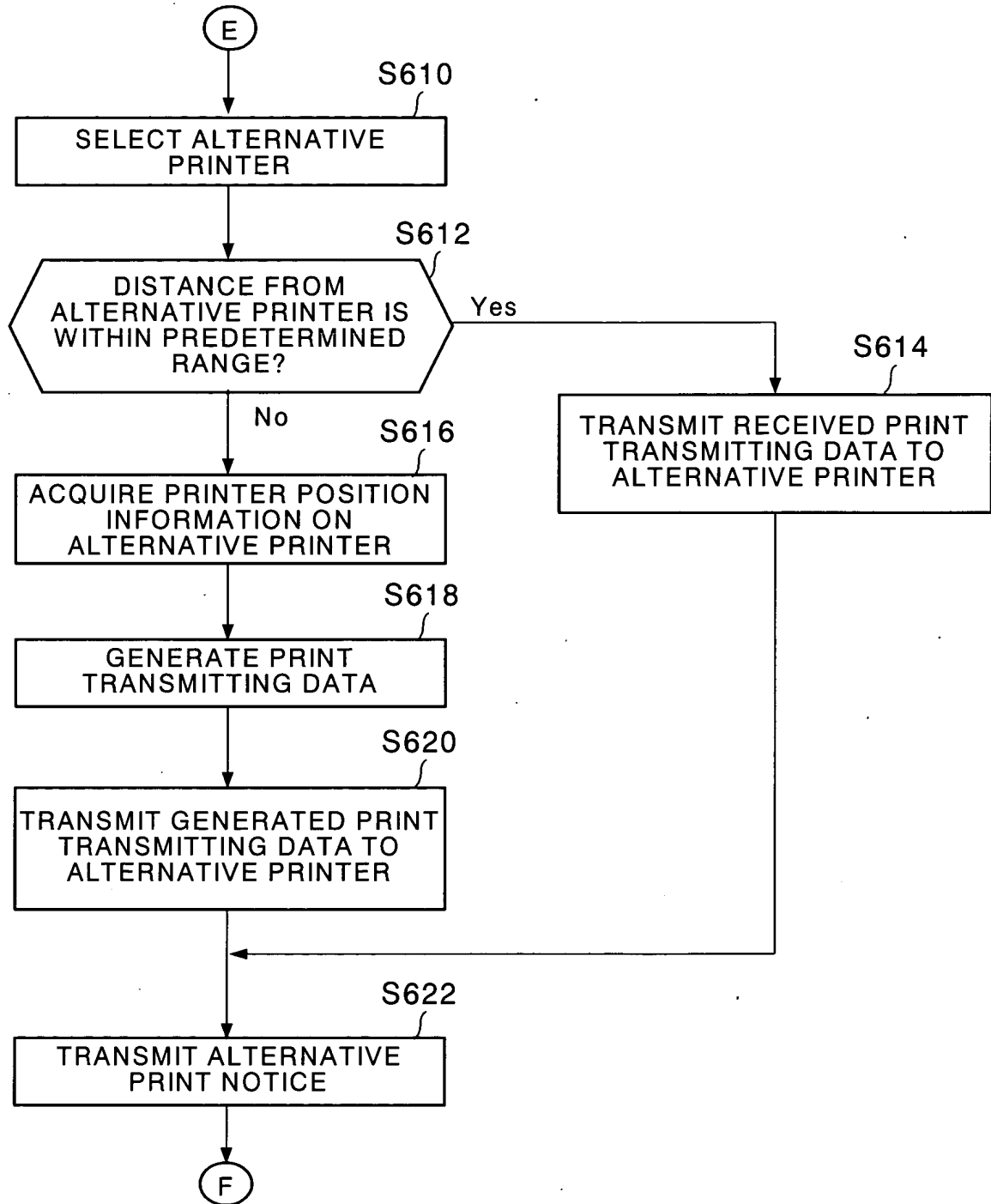


FIG. 33

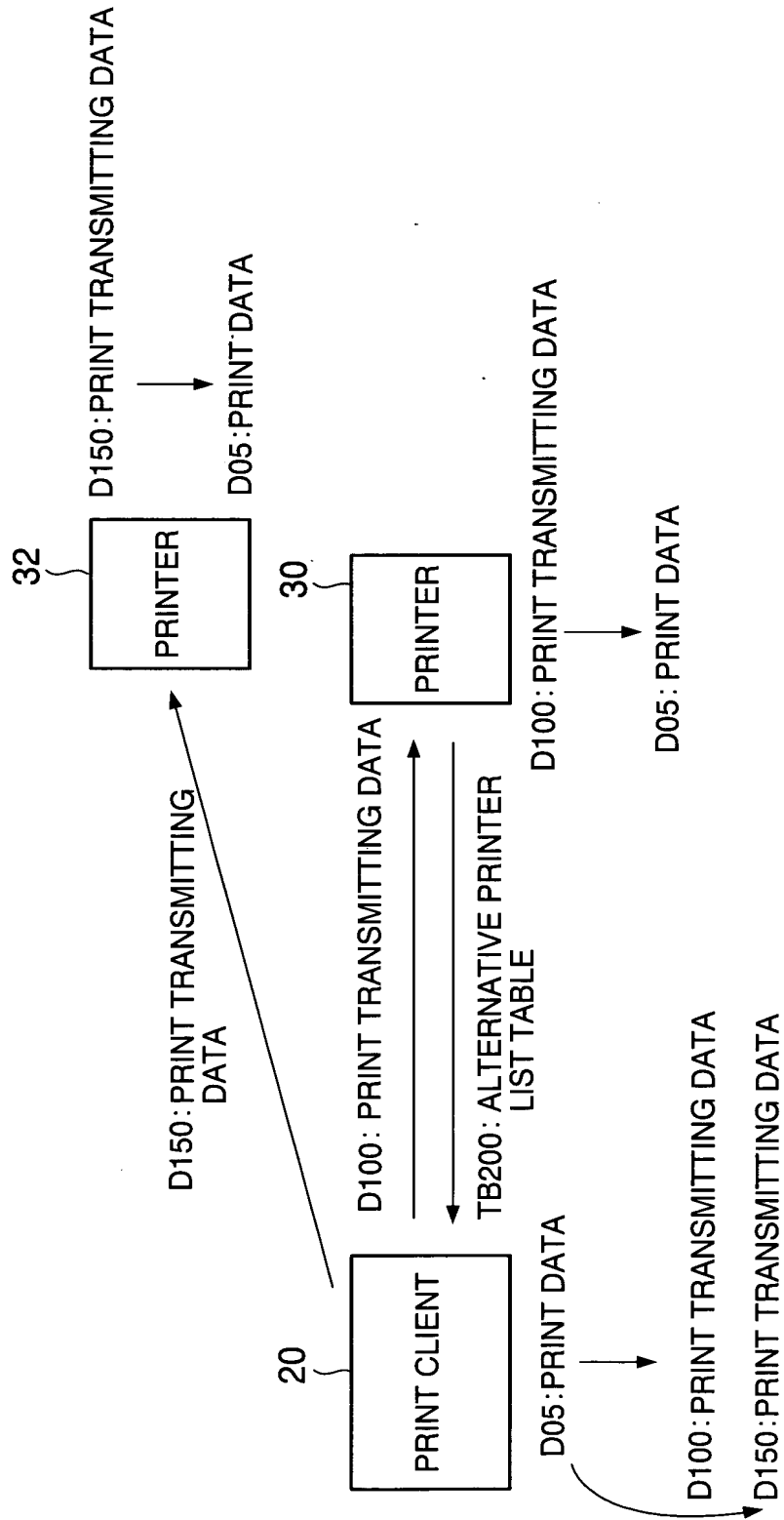


FIG. 34

TB200: ALTERNATIVE PRINTER LIST TABLE

| D40 | | | D41 | | D42 |
|-----------------|---------------------------|--|-----------------------------------|--|-----|
| NETWORK ADDRESS | PRINTER MODEL INFORMATION | | RELATIVE DISTANCE | | |
| aaa.bbb.ccc.101 | LP-7700 | | $\Delta X1, \Delta Y1, \Delta Z1$ | | |
| aaa.bbb.ccc.102 | LP-8900 | | $\Delta X2, \Delta Y2, \Delta Z2$ | | |
| aaa.bbb.ccc.103 | LP-7700 | | $\Delta X3, \Delta Y3, \Delta Z3$ | | |

FIG. 35

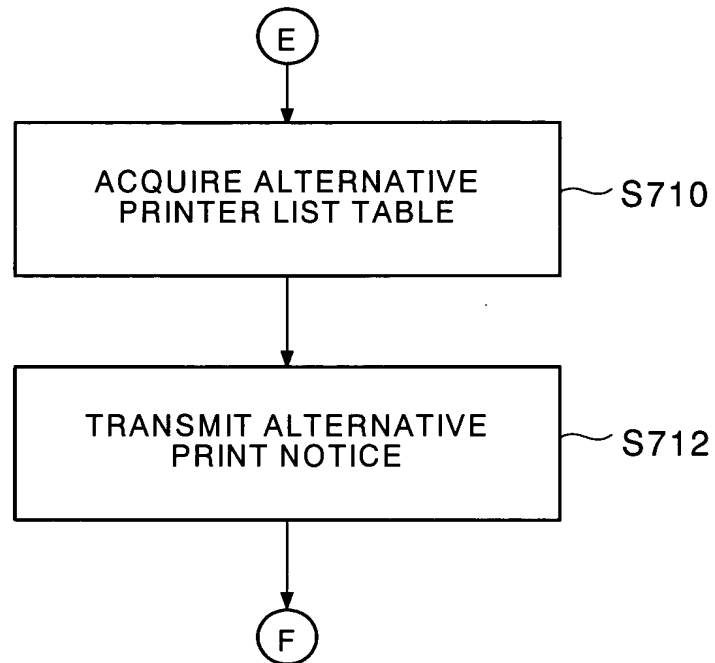


FIG. 36

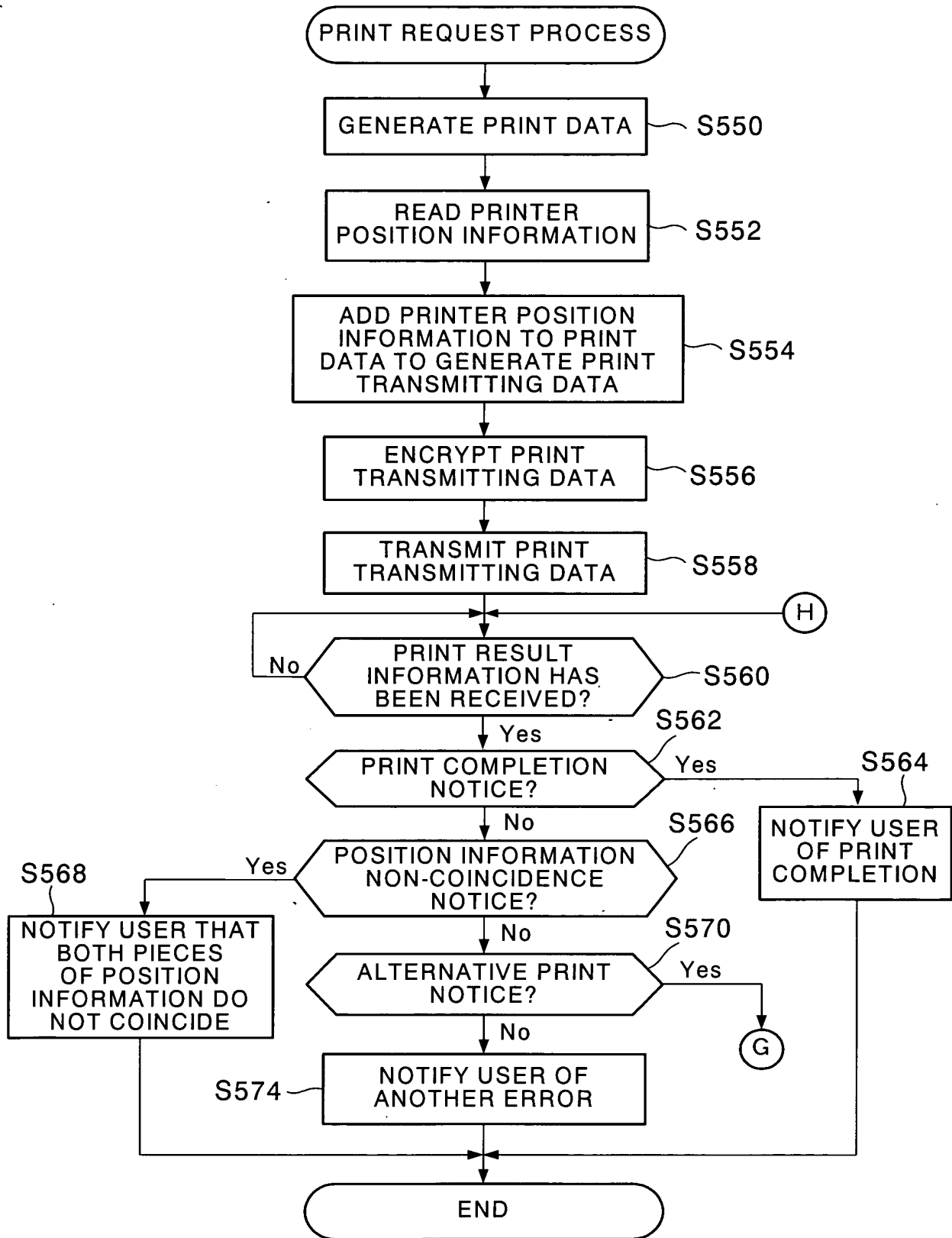


FIG. 37

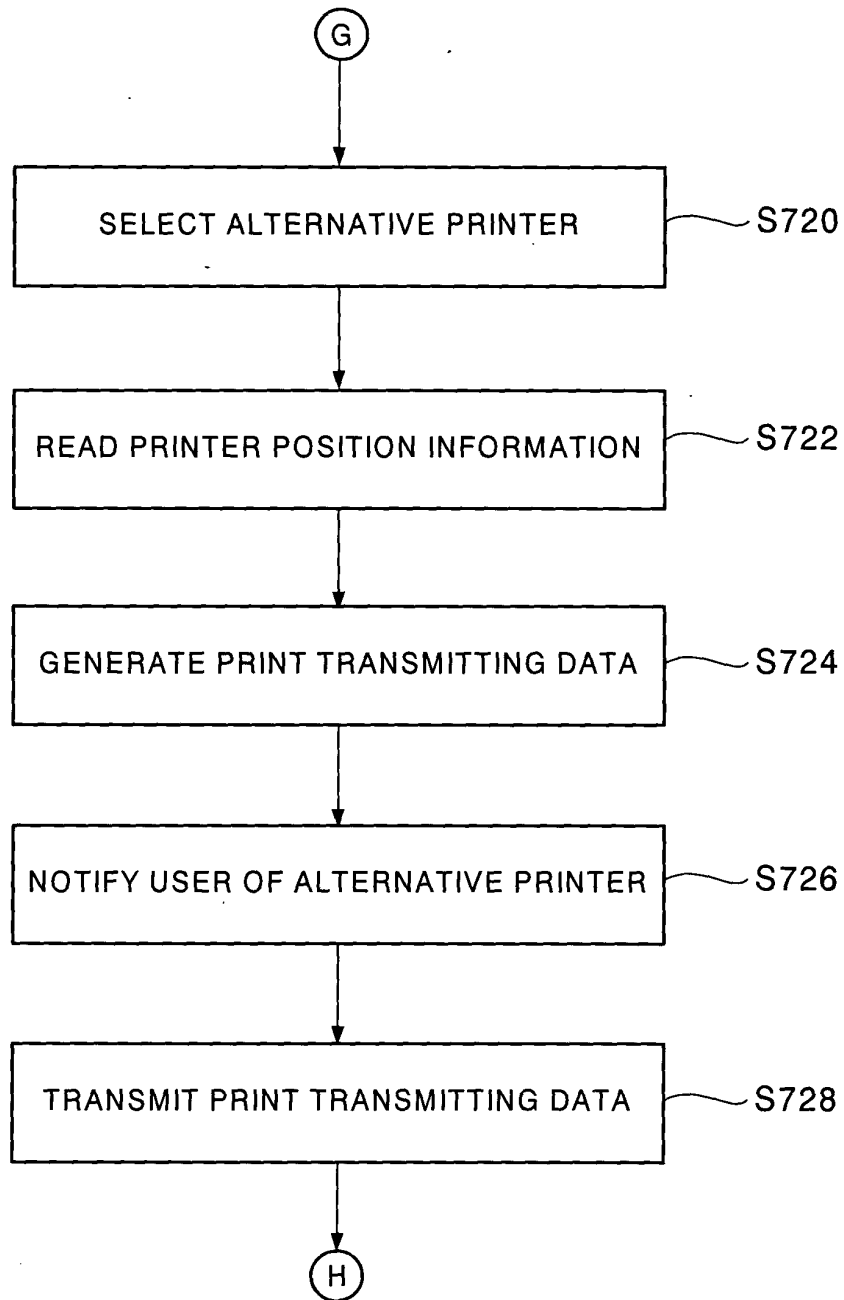


FIG. 38

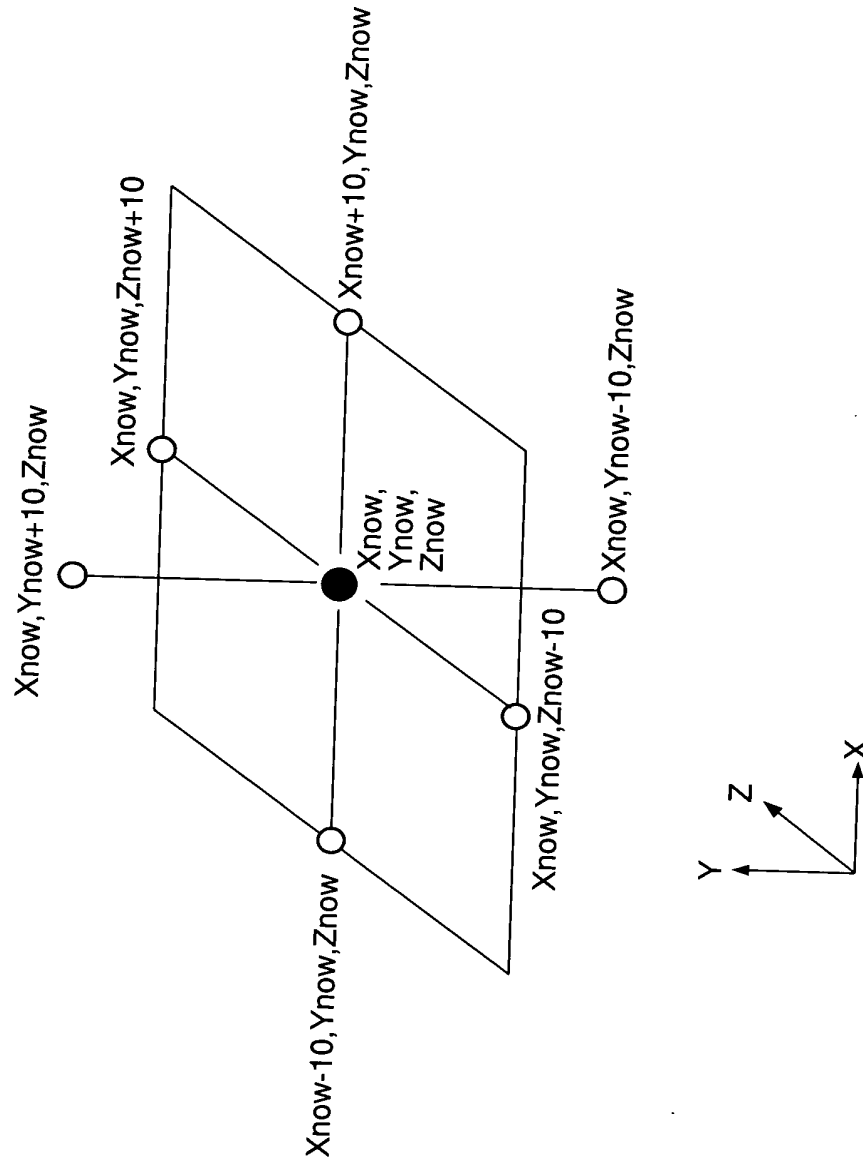


FIG. 39